

FIG. 1

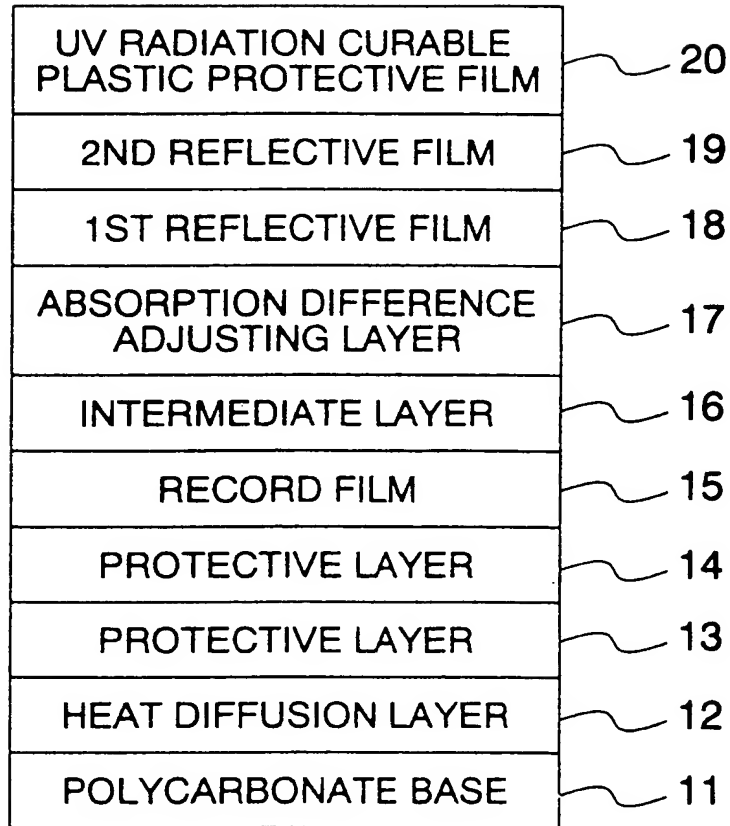


FIG. 8

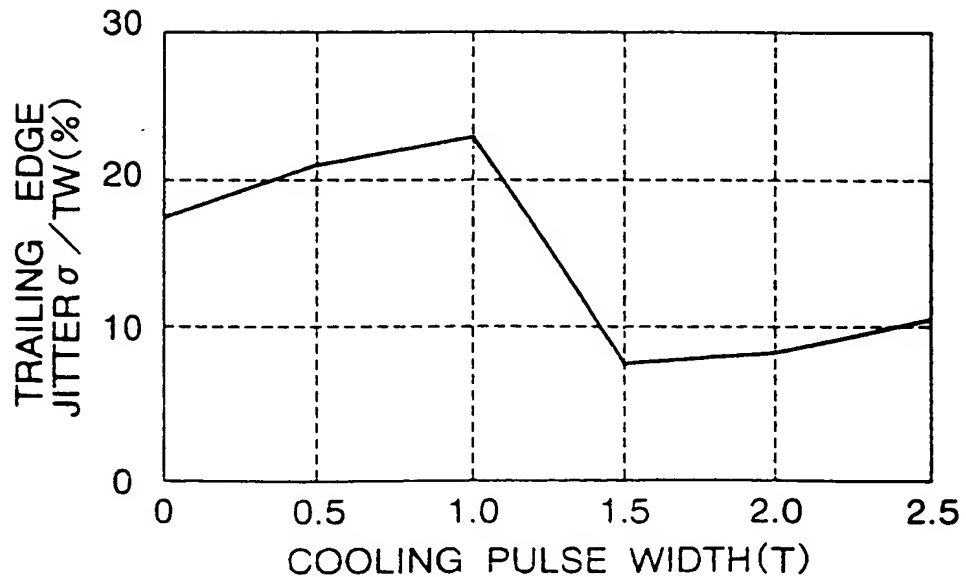


FIG. 2

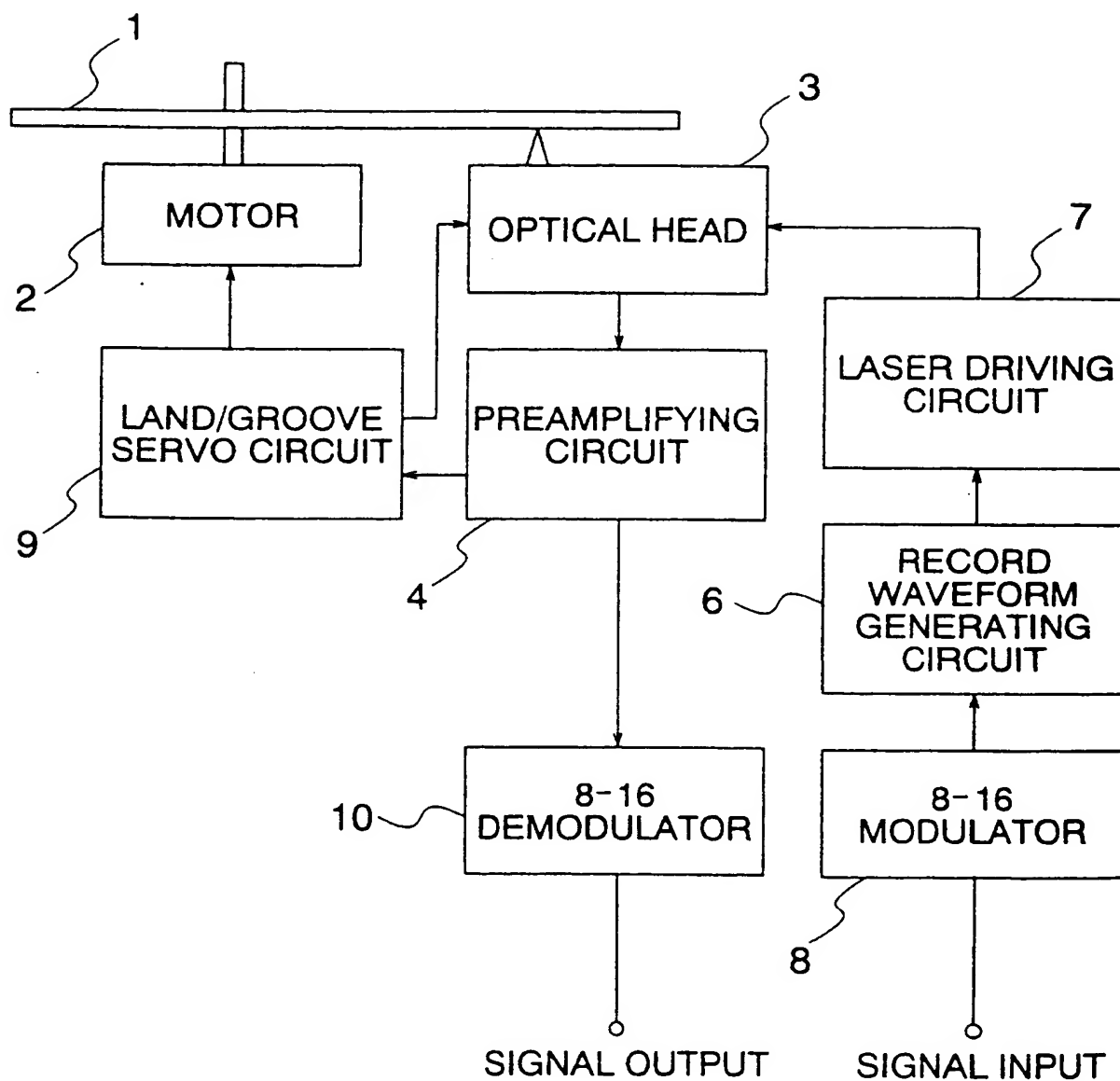


FIG. 3

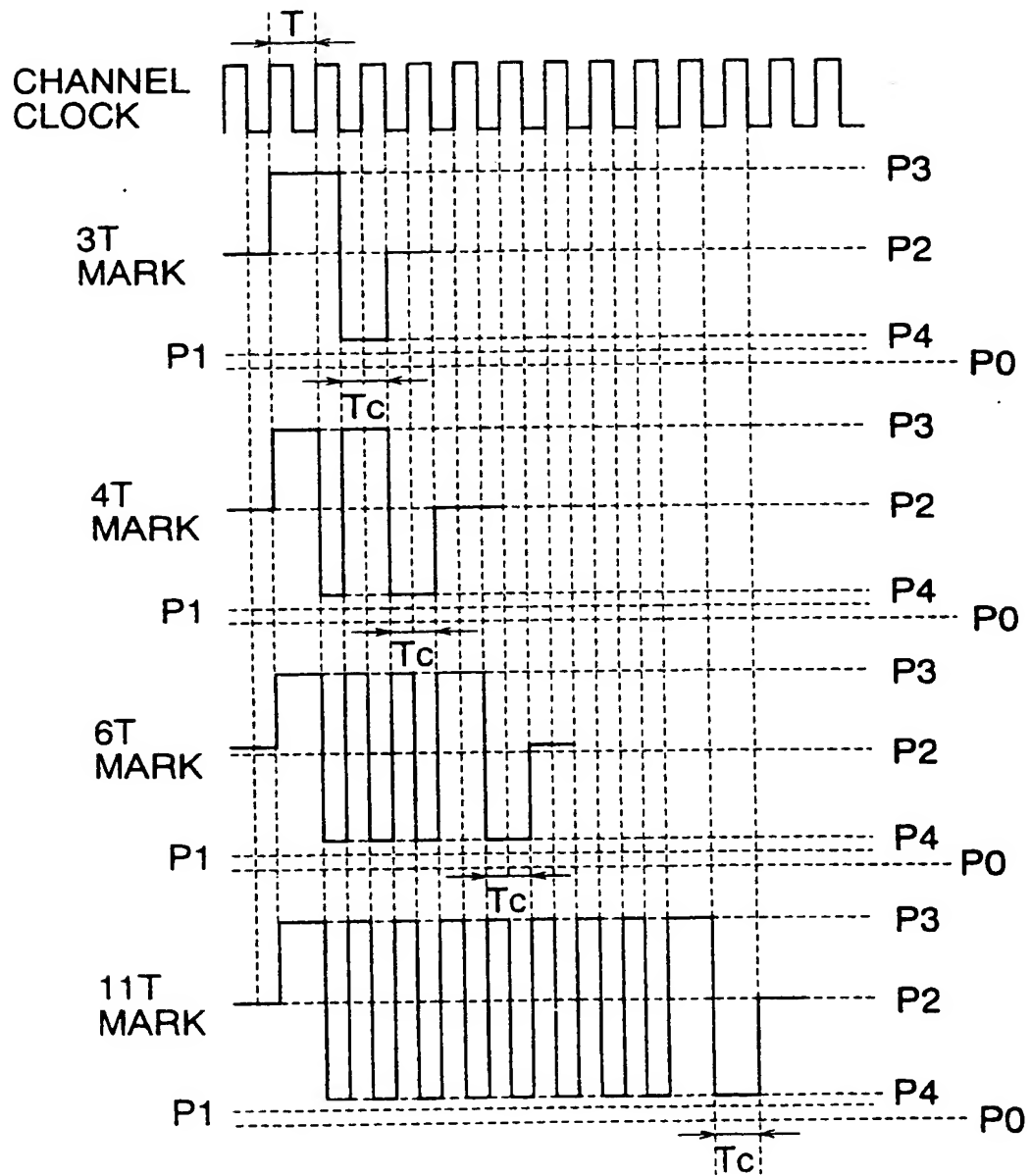


FIG. 4

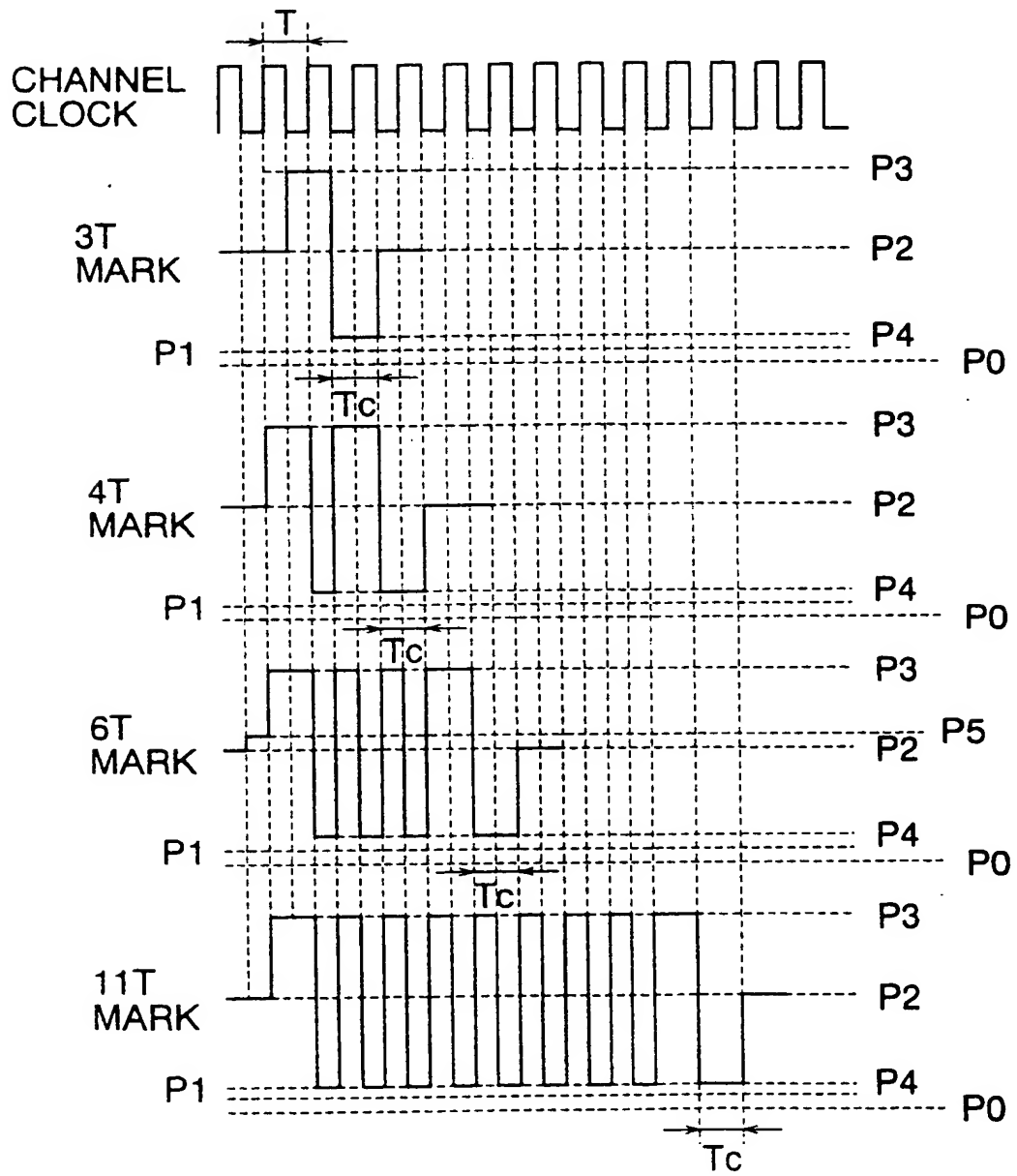


FIG. 5

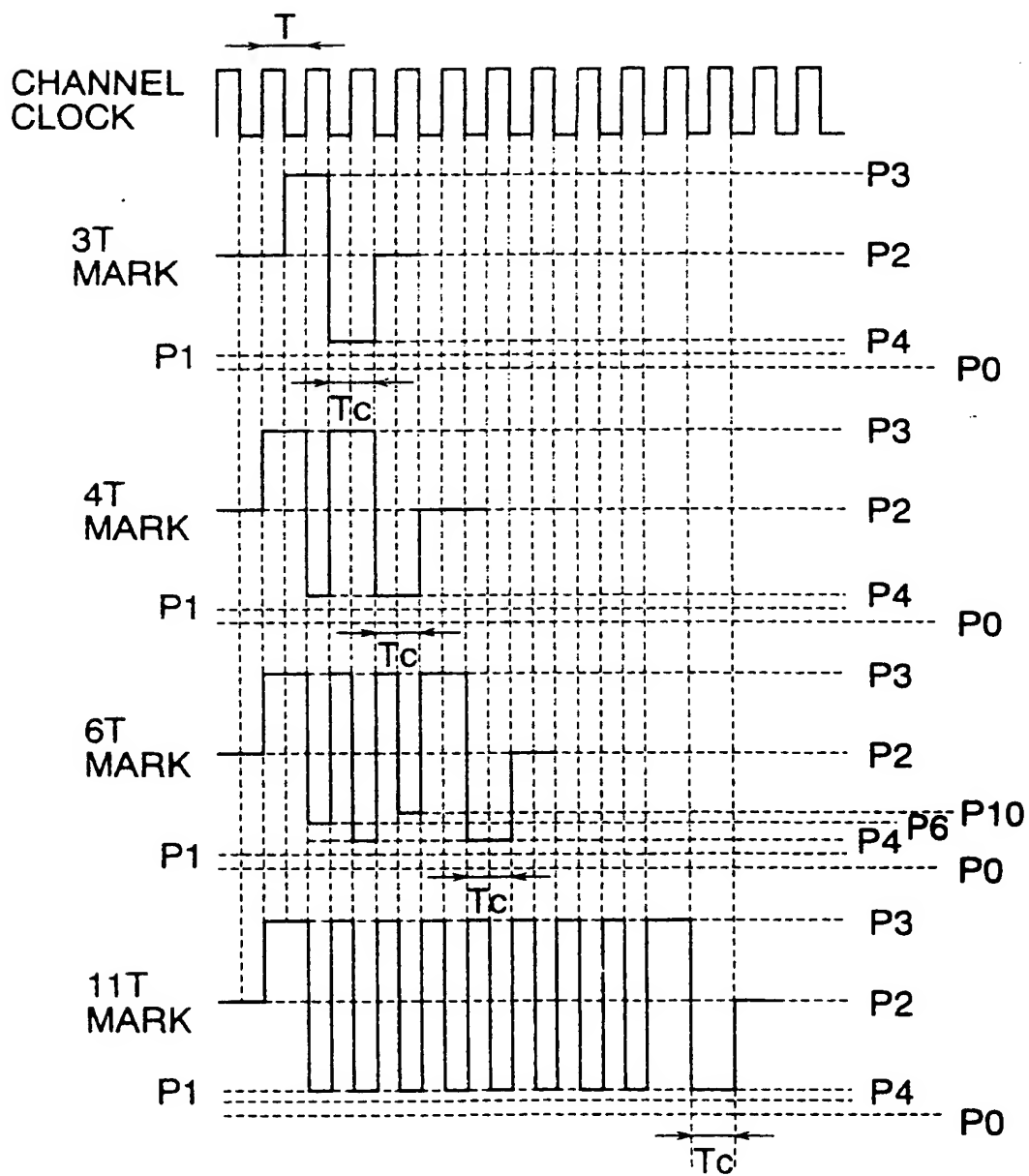


FIG. 6

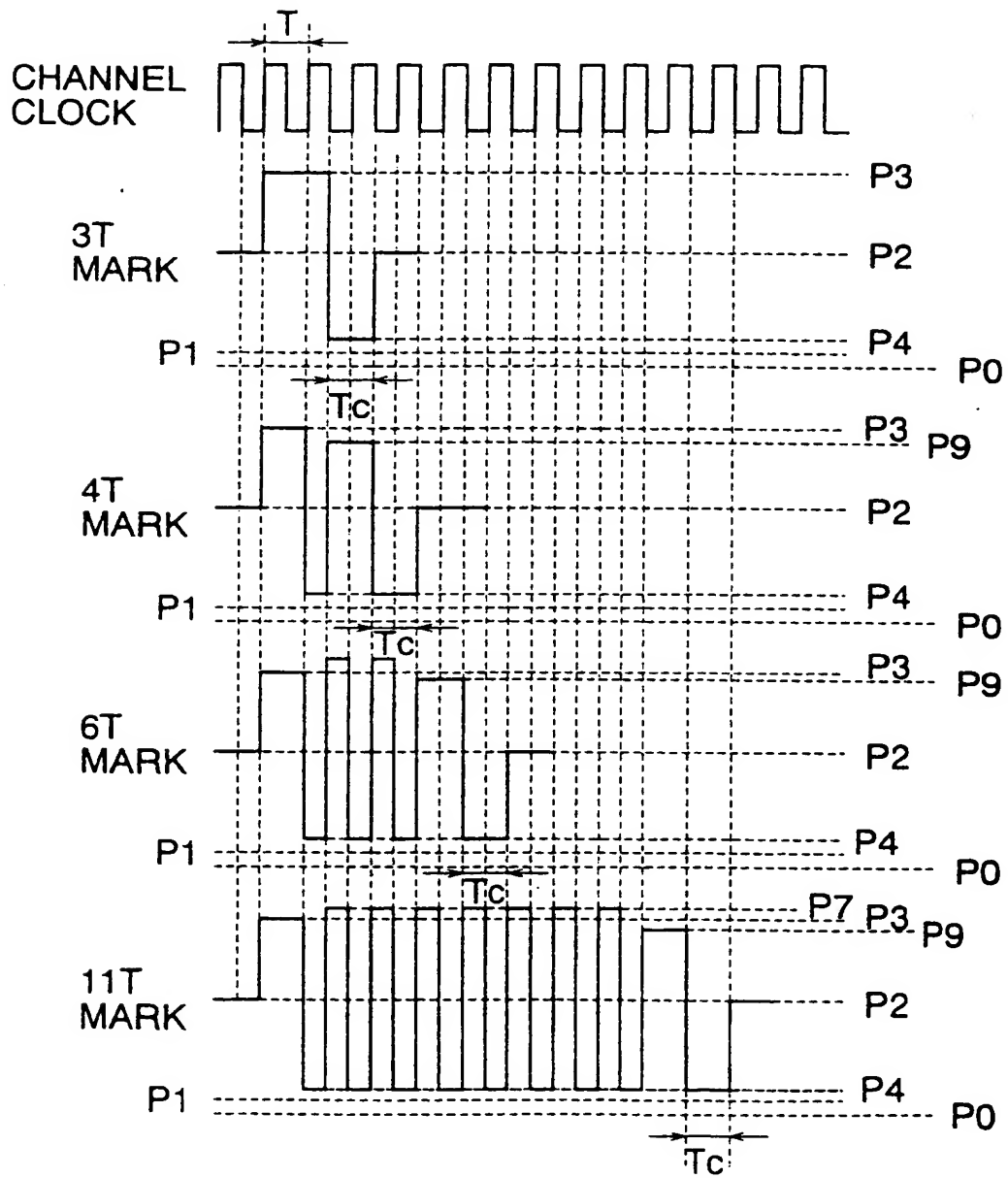


FIG. 7

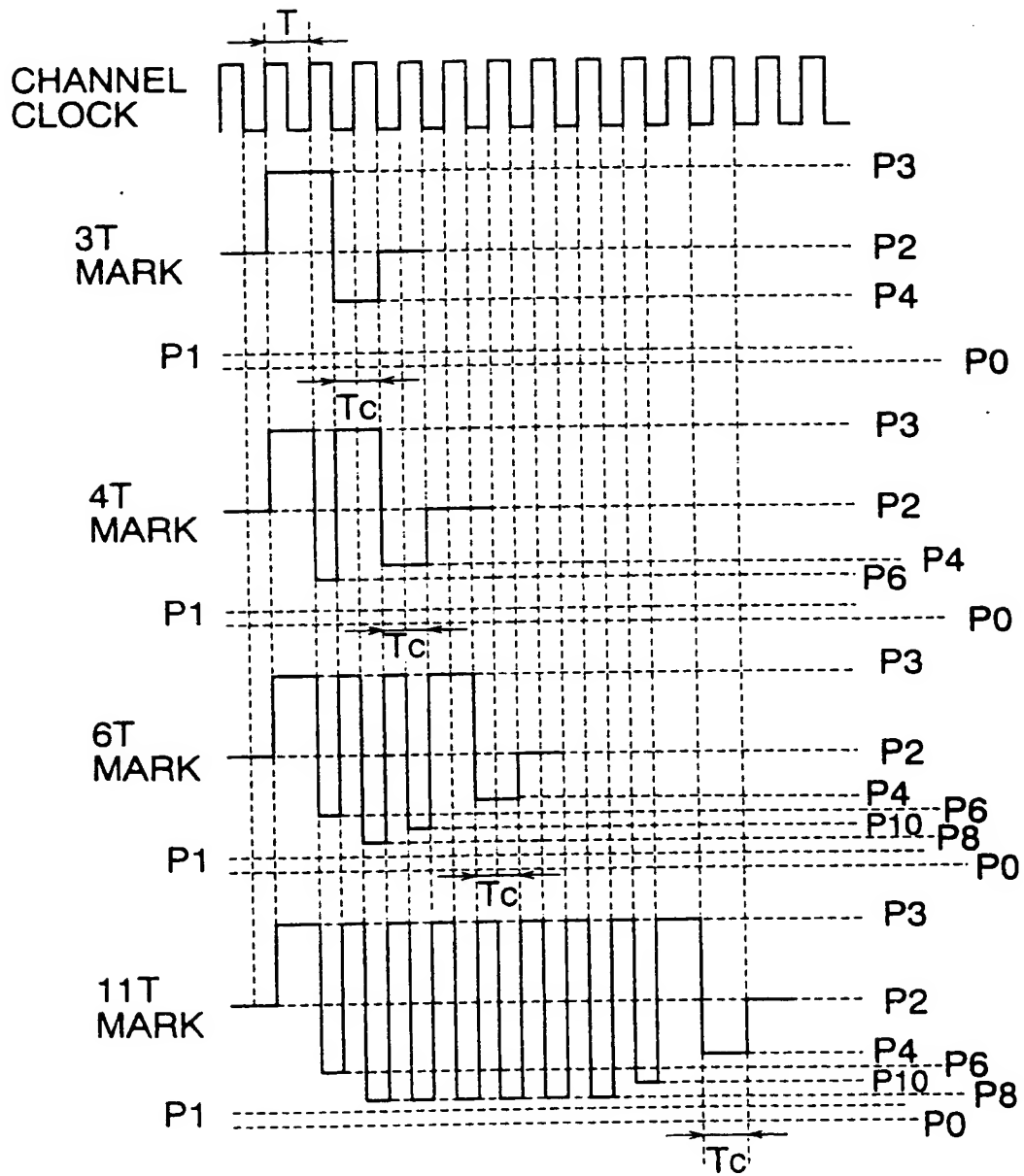


FIG. 9 A

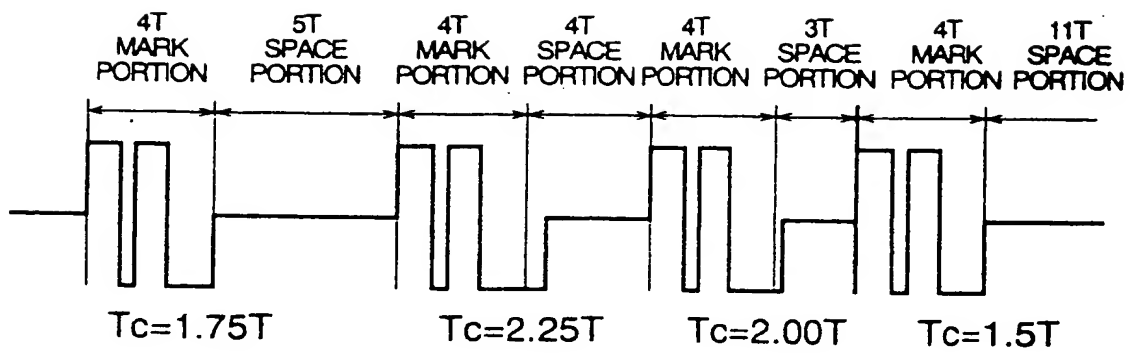


FIG. 9 B

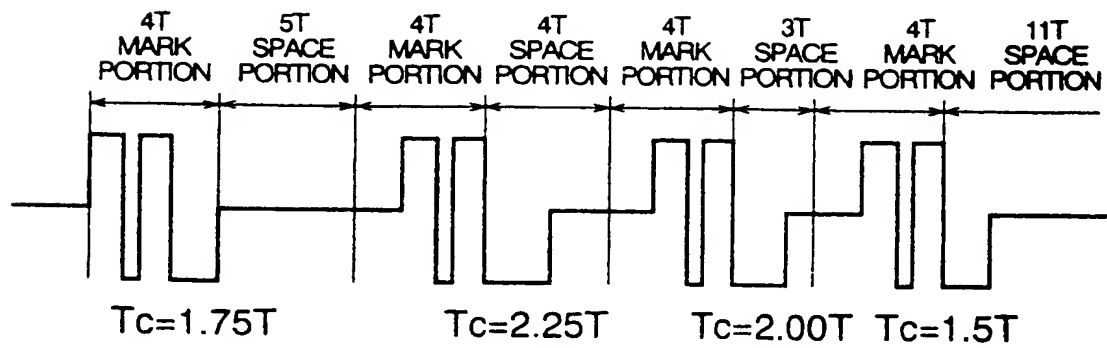


FIG. 10 A

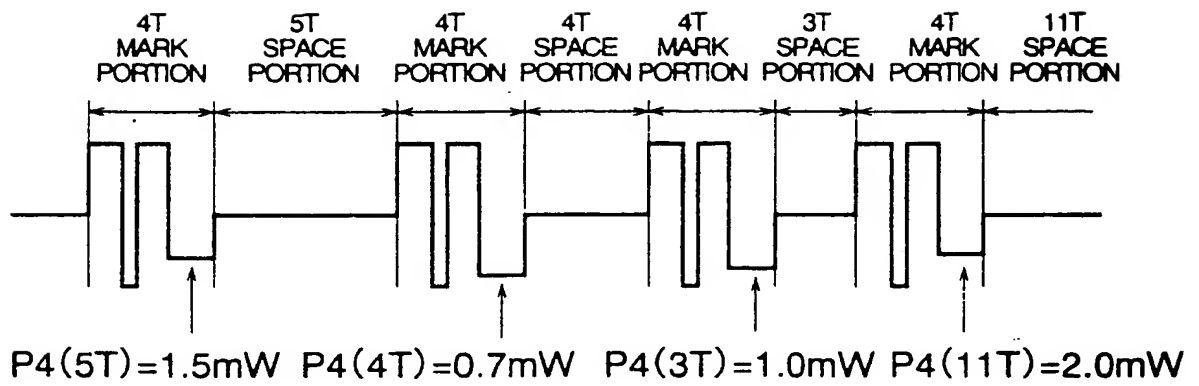


FIG. 10 B

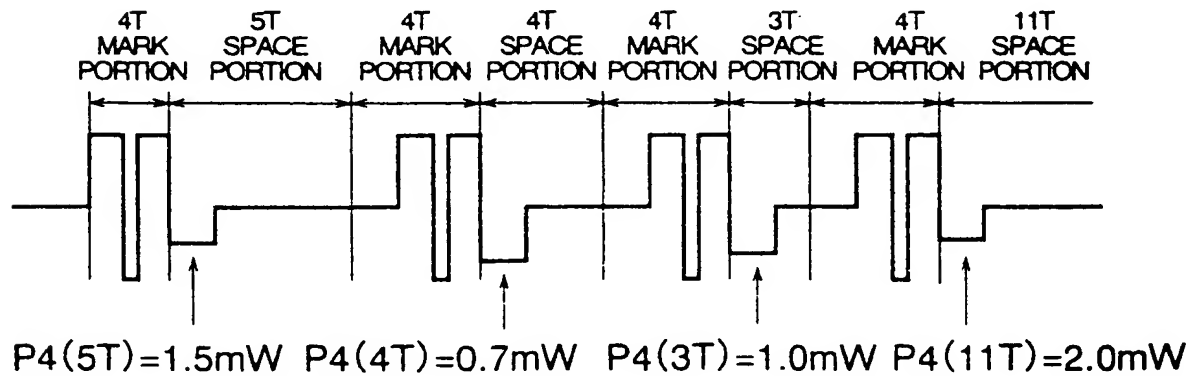


FIG. 11

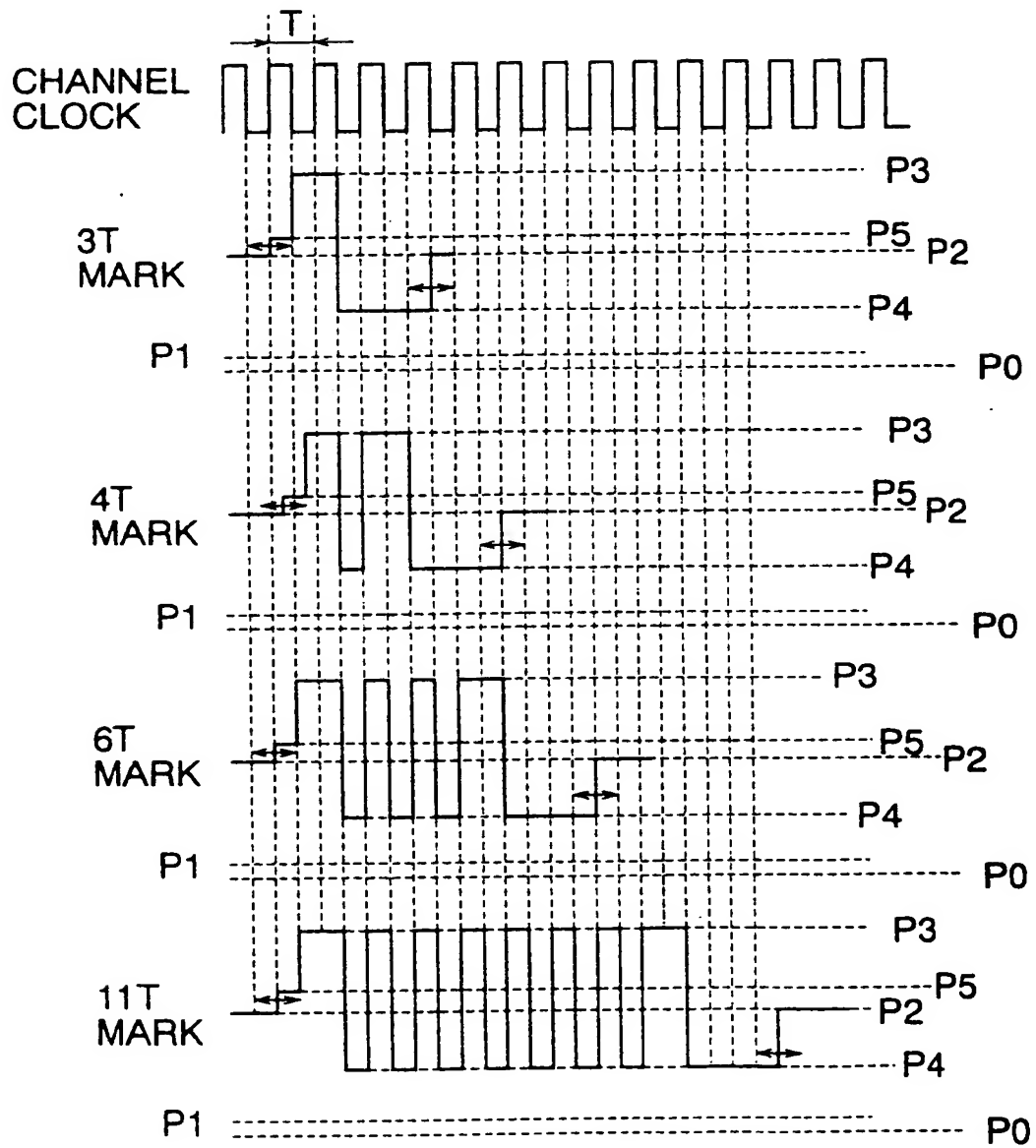


FIG. 12

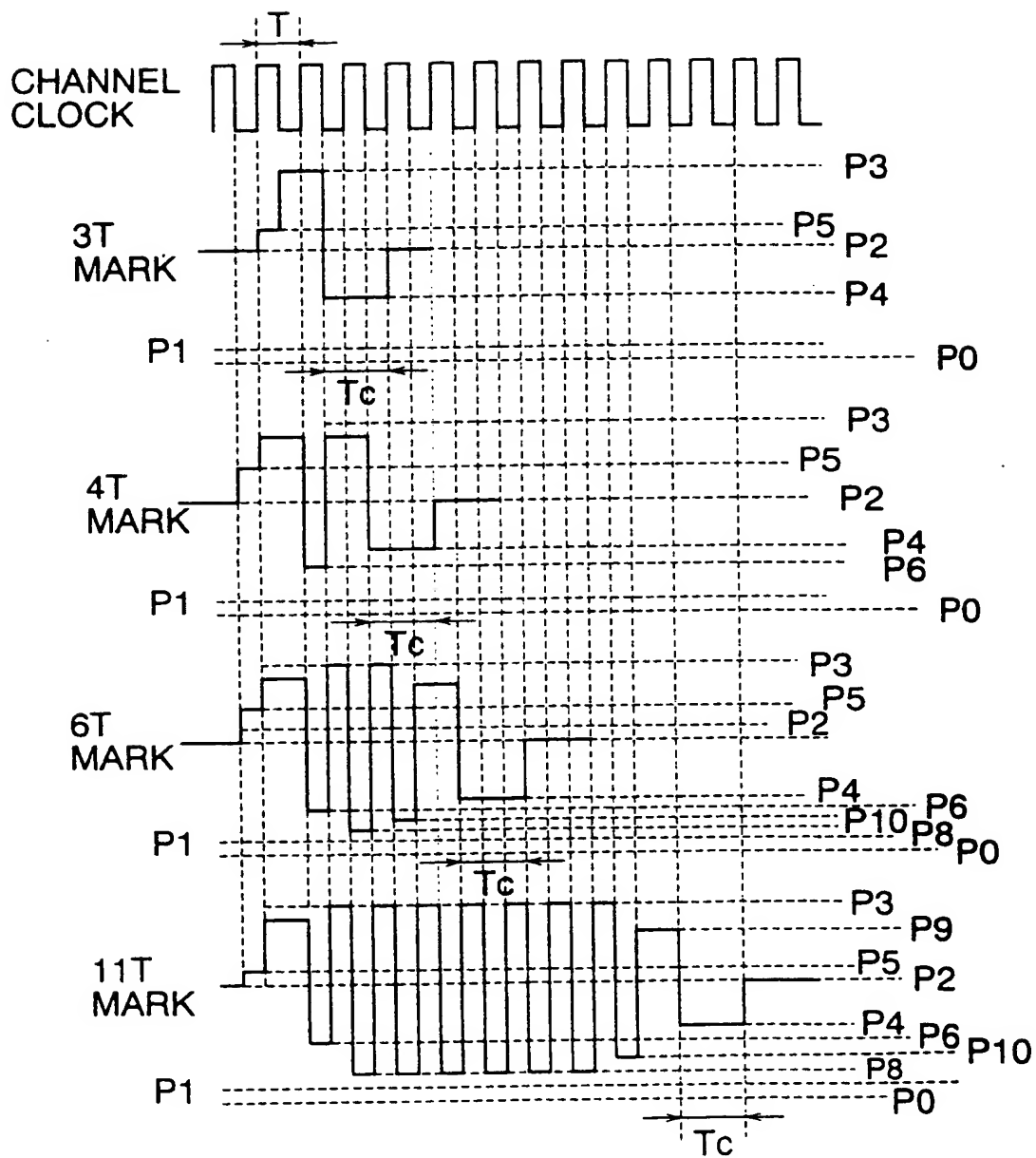


FIG. 13

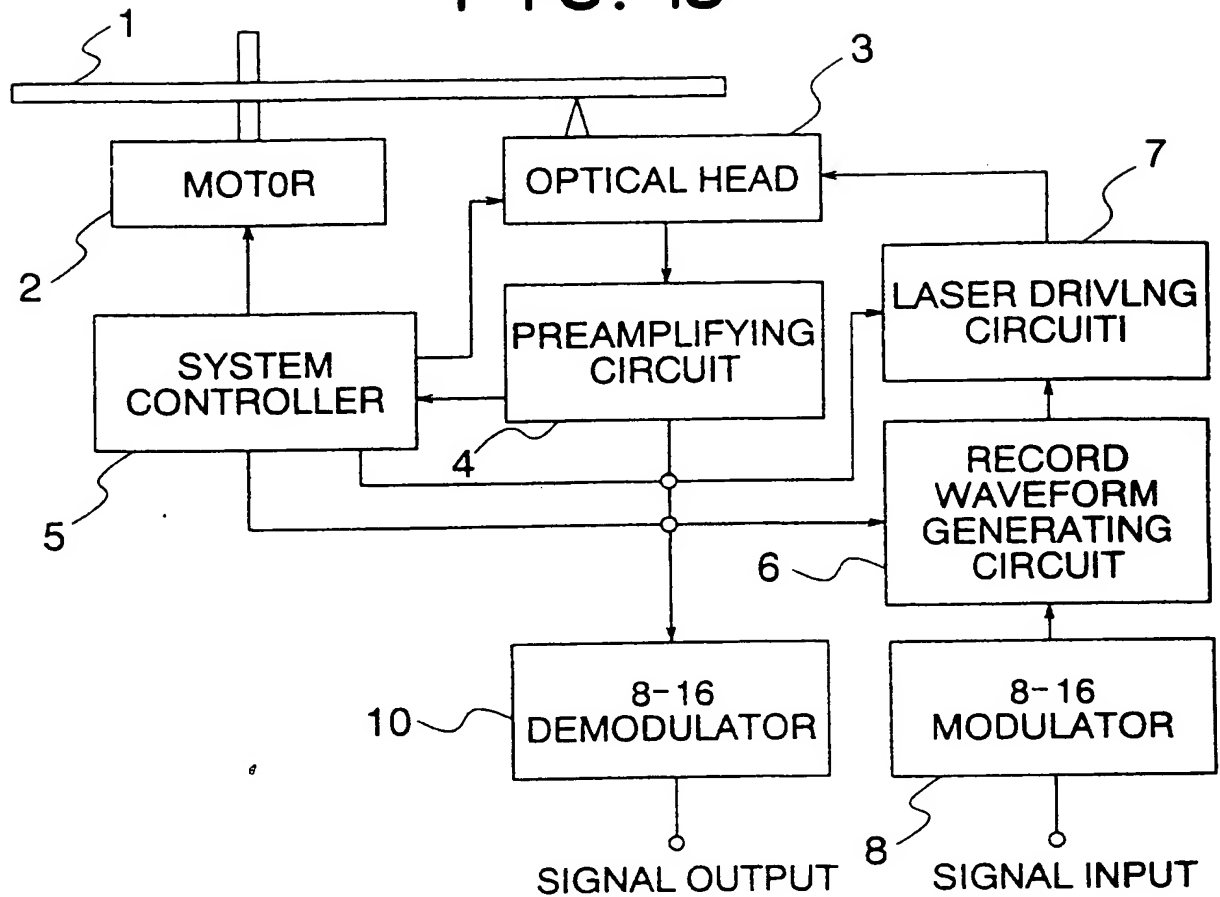


FIG. 17

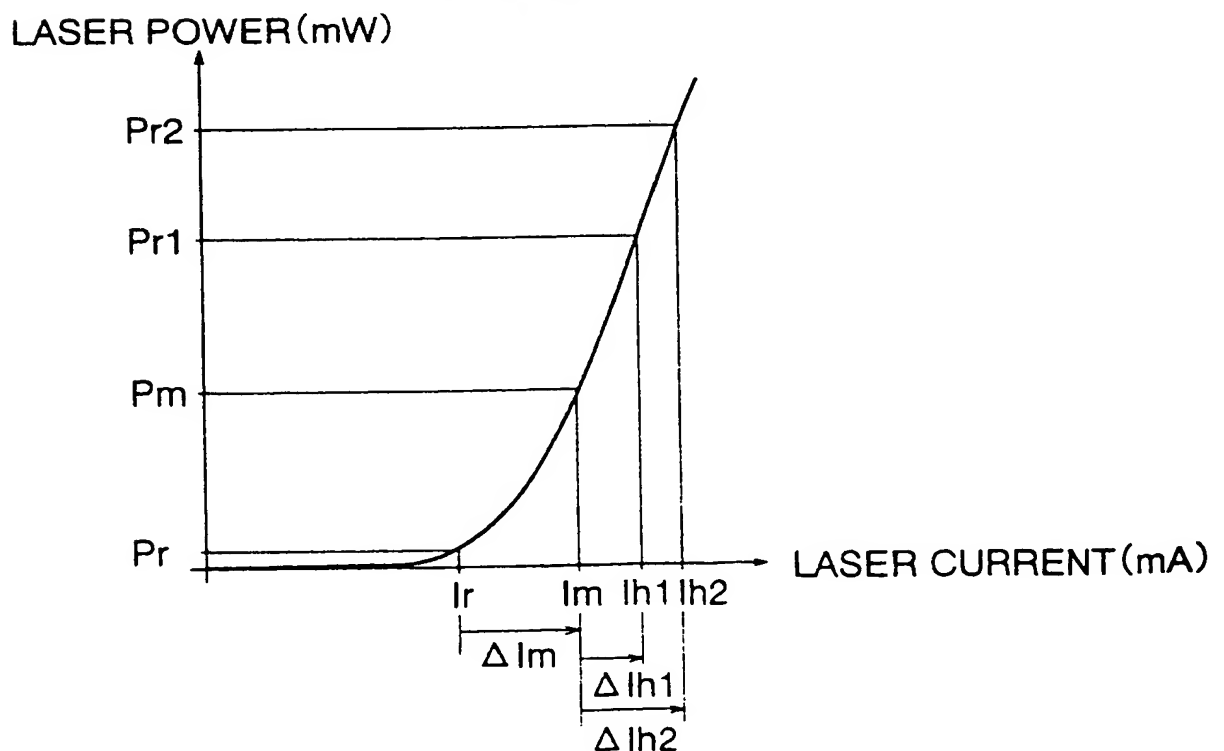


FIG. 14

INPUT SIGNAL
WTDATA FROM
MODULATOR 8

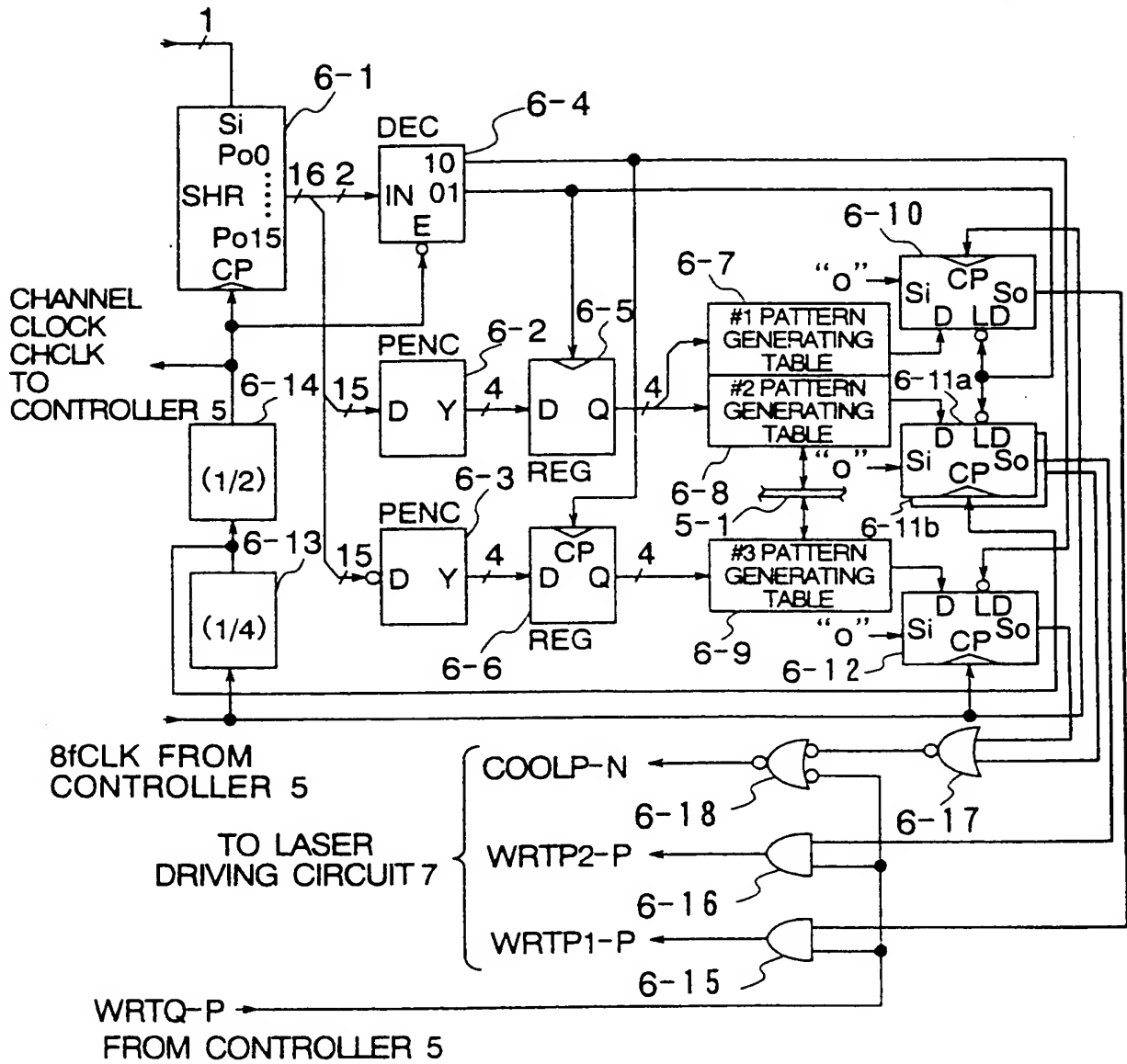
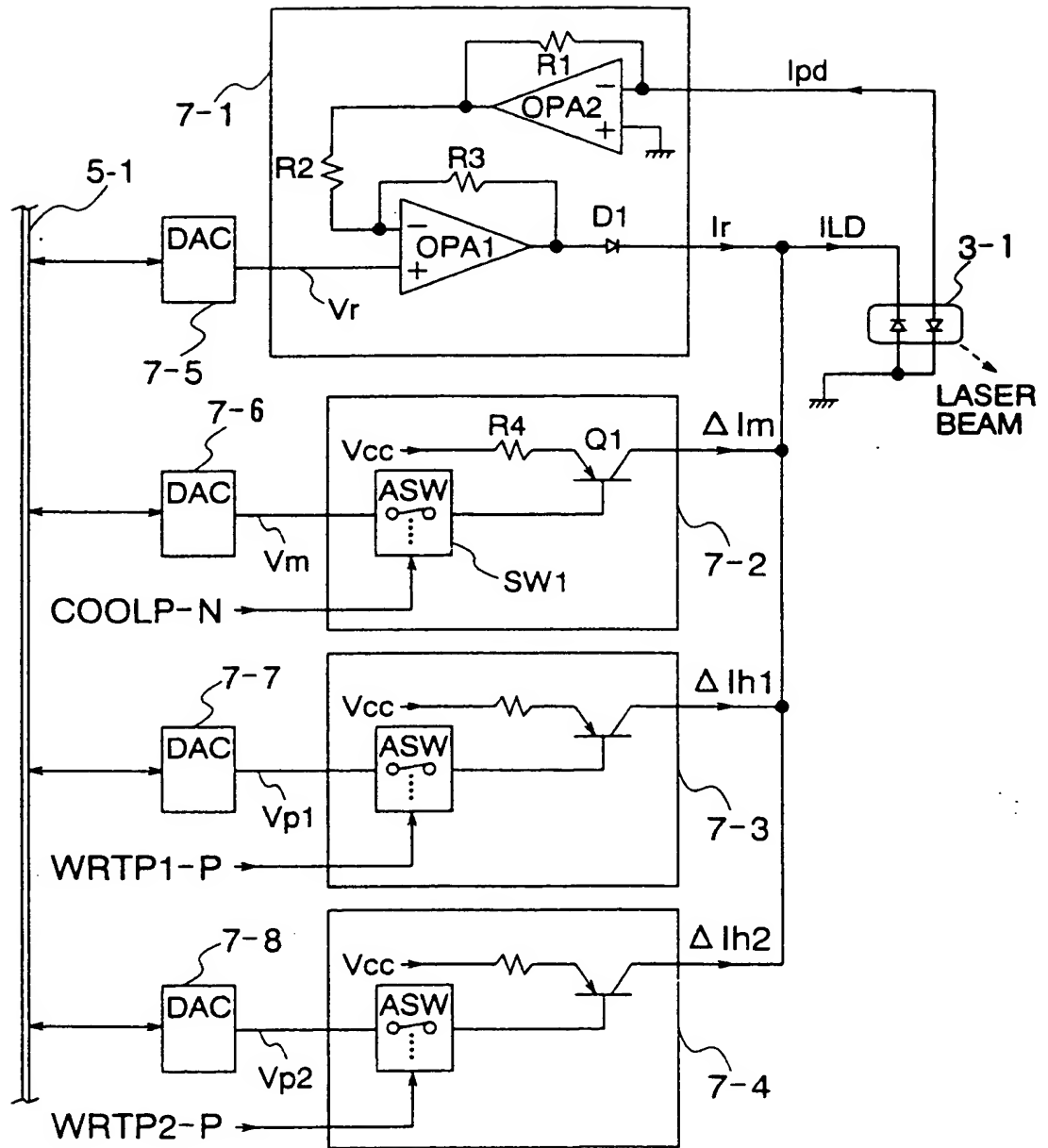


FIG. 15



CHCLK

WTDATA

SHR

SHIFT REGISTER AT MARK PORTION DETECTION

SHIFT REGISTER AT SPACE PORTION DETECTION

MARK PORTION(01) DETECTION SIGNAL

SPACE PORTION(10) DETECTION SIGNAL

SHR SERIAL OUTPUT(1): W RTP1-P

SHR SERIAL OUTPUT(2): W RTP2-P

(SHR SERIAL OUTPUT(3): MSHR SO-2)

SHR FOR SPACE PORTION

COOLP-N

ILD(LASER DRIVE CURRENT)

OmA

CURRENT REDUCTION BY COOLP-N

lh1

lr

lh2

SHR SERIAL DATA PORTION FOR SPACE PORTION

CURRENT REDUCTION WHEN SUBTRACTING FUNCTION IS ADDED

